Applicant : Gregory Joseph Badros et al.   Attorney's Docket No.: 16113-1101001 / GP-167-00-
Serial No. : 10/749,440   US
Filed : December 31, 2003
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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently Amended) A computer-implemented method comprising:

displaying, to a user, a first web document received from a <u>search engine</u> ~~first server~~, the first web document ~~further~~ comprising a search engine result set;

receiving in a client application an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in a hyperlink displayed as part of the search engine result set in the first web document, the hyperlink referencing a second web document;

automatically generating in the client application a request signal in response to the interest signal and sending the request signal to <u>the search engine</u> ~~a second server~~ to request a text extract <u>and implicitly derived past-user information</u>, the text extract comprising text data previously extracted from the second web document and stored separately from the second web document<u>, and the implicitly derived past-user information rating multiple previous viewers' interest in the second web document, the previous viewers being other than the user, and the interest of the previous viewers being implicitly derived using data at the search engine which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document</u>;

receiving the text extract <u>and the implicitly derived past-user information</u> in response to the request signal; and

displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document, in response to the interest signal.

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2.   (Original) The method of claim 1, further comprising logging the interest signal.

3. – 9. (Cancelled)

10.   (Currently Amended) The method of claim 1, further comprising:

receiving information indicating a genre of the second web document in response to the request signal; and

displaying the genre to the user.

11.   (Currently Amended) The method of claim 1, further comprising:

receiving information indicating a relationship of the first and second web documents in response to the request signal; and

displaying the relationship to the user.

12.   (Cancelled)

13.   (Cancelled)

14.   (Currently Amended) The method of claim 1, further comprising:

receiving information indicating a query ~~corresponding to~~ that led the previous viewers to the second web document in response to the request signal; and

displaying the query to the user.

15.   (Currently Amended) The method of claim 1, further comprising:

receiving information indicating a comparison between content from the first web document and content from the second web document in response to the request signal; and

displaying the comparison to the user.

16.   (Previously Presented) The method of claim 1, further comprising:

       receiving a cached representation of a previously-available second web document in

response to the request signal; and

       displaying the cached representation to the user.

17.   (Currently Amended) The method of claim 1, wherein the interest signal comprises an

indication of ~~a pointing device~~ a cursor hovering over the hyperlink.

18.   (Currently Amended) The method of claim 1, wherein the interest signal comprises an

indication of a right-click while a cursor is hovering over ~~of a pointing device on~~ the hyperlink.

19.   (Currently Amended The method of claim 1, wherein displaying the text extract and the

implicitly derived past-user information to the user in association with the first web document

comprises displaying the text extract and the implicitly derived past-user information in an

overlay over the first web document.

20.   (Original) The method of claim 19, wherein the overlay comprises a tooltip.

21.   (Currently Amended) The method of claim 1, wherein displaying the text extract and the

implicitly derived past-user information to the user in association with the first web document

comprises displaying the text extract information and the implicitly derived past-user

information in a status bar.

22.   (Currently Amended) The method of claim 1, wherein displaying the text extract and the

implicitly derived past-user information to the user in association with the first web document

comprises displaying the text extract and the implicitly derived past-user information in a right-

click menu.

23.   (Currently Amended) The method of claim 1, wherein displaying the text extract and the

implicitly derived past-user information to the user in association with the first web document

comprises displaying the text extract <u>and the implicitly derived past-user information</u> in a pop-up window.

24.   (Currently Amended) The method of claim 1, wherein displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document comprises displaying the text extract <u>and the implicitly derived past-user information</u> in a persistent window.

25.   (Currently Amended) The method of claim 1, wherein displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document comprises displaying the text extract<u> and the implicitly derived past-user information</u> with the first web document.

26.   (Currently Amended) The method of claim 1, wherein displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document comprises audibly outputting the text extract<u> and the implicitly derived past-user information</u>.

27.   (Currently Amended) The method of claim 1, wherein displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document comprises outputting the text extract <u>and the implicitly derived past-user information</u> through a haptic device.

28.   (Currently Amended) The method of claim 1, wherein displaying the text extract <u>and the implicitly derived past-user information</u> to the user in association with the first web document comprises displaying a hyperlink referencing a third web document, the third web document comprising the text extract <u>and the implicitly derived past-user information</u>.

29.   (Currently Amended) A computer-implemented method comprising:

transmitting a first web document to a client application, the first web document ~~further~~ comprising a search engine result set;

receiving from the client application a request signal requesting a text extract <u>and implicitly derived past-user information, the text extract</u> comprising text data previously extracted from a second web document referenced by a hyperlink displayed as part of the search engine result set in the first web document and stored separately from the second web document, <u>the implicitly derived past-user information rating a previous viewers' interest in the second web document, the previous viewers being other than the user, and</u> the request signal being automatically generated based on receiving, in the client application, an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in the hyperlink;

<u>implicitly deriving the interest of the previous viewers using data which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document;</u>

retrieving the text extract in response to the request signal; and

generating an information signal comprising the retrieved text extract<u> and the implicitly derived past-user information</u>, the information signal configured to cause the text extract <u>and the implicitly derived past-user information</u> to be output in association with the first web document.

30.   (Previously Presented) The method of claim 29, further comprising logging the request.

31. – 37. (Cancelled)

38.   (Currently Amended) The method of claim 29, wherein the information signal further comprises <u>information indicating </u>a genre of the second web document.

39.   (Currently Amended) The method of claim 29, wherein the information signal comprises information indicating a relationship of the first and second web documents.

40.   (Canceled)

41.   (Canceled)

42.   (Currently Amended) The method of claim 29, wherein the information signal comprises information indicating a query that led the previous viewers to corresponding to the second web document.

43.   (Currently Amended) The method of claim 29, wherein the information signal comprises information indicating a comparison between content from the first web document and content from the second web document.

44.   (Previously Presented) The method of claim 29, wherein the information signal comprises a cached representation of a previously-available second web document.

45.   (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be displayed in an overlay.

46.   (Original) The method of claim 45, wherein the overlay comprises a tooltip.

47.   (Currently Amended) The method of claim 29, wherein causing the text extract and the implicitly derived past-user information to be output in association with the first web document comprises causing the text extract and the implicitly derived past-user information to be displayed in a status bar.

48.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing the text extract <u>and the implicitly derived past-user information</u> to be displayed in a right-click menu.

49.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing the text extract <u>and the implicitly derived past-user information</u> to be displayed in a pop-up window.

50.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing the text extract <u>and the implicitly derived past-user information</u> to be displayed in a persistent window.

51.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing the text extract <u>and the implicitly derived past-user information</u> to be displayed with the first web document.

52.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing the text extract <u>and the implicitly derived past-user information</u> to be audibly output.

53.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing the text extract <u>and the implicitly derived past-user information</u> to be output through a haptic device.

54.   (Currently Amended) The method of claim 29, wherein causing the text extract <u>and the</u> <u>implicitly derived past-user information</u> to be output in association with the first web document comprises causing a hyperlink referencing a third web document to be output, the third web document comprising the text extract <u>and the implicitly derived past-user information</u>.

55. – 61. (Cancelled)

62.   (Previously Presented) The method of claim 1, wherein the text data is sufficient to approximate usefulness of all content in the second web document.

63.   (Previously Presented) The method of claim 29, wherein the text data is sufficient to approximate usefulness of all content in the second web document.

64. – 67. (Cancelled)

68.   (Currently Amended) The method of <u>claim 1</u> <s>claim 67</s>, further comprising generating the text extract at the search engine based on crawling a web site storing the second web document.

69.   (Previously Presented) The method of claim 1, wherein the client application further comprises a browser-enabled JavaScript application.

70.   (Cancelled)

71.   (New) A computer-readable medium encoded with a computer program, the computer program comprising instructions that, when executed, operate to cause a computer to perform operations comprising:

    displaying, to a user, a first web document received from a search engine, the first web document comprising a search engine result set;

    receiving in a client application an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in a hyperlink

displayed as part of the search engine result set in the first web document, the hyperlink referencing a second web document;

automatically generating in the client application a request signal in response to the interest signal and sending the request signal to the search engine to request a text extract and implicitly derived past-user information, the text extract comprising text data previously extracted from the second web document and stored separately from the second web document, and the implicitly derived past-user information rating a previous viewers' interest in the second web document, the previous viewers being other than the user, and the interest of the previous viewers being implicitly derived using data at the search engine which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document;

receiving the text extract and the implicitly derived past-user information in response to the request signal; and

displaying the text extract and the implicitly derived past-user information to the user in association with the first web document, in response to the interest signal.

72.   (New) A computer-readable medium encoded with a computer program, the computer program comprising instructions that, when executed, operate to cause a computer to perform operations comprising:

transmitting a first web document to a client application, the first web document comprising a search engine result set;

receiving from the client application a request signal requesting a text extract and implicitly derived past-user information, the text extract comprising text data previously extracted from a second web document referenced by a hyperlink displayed as part of the search engine result set in the first web document and stored separately from the second web document, the implicitly derived past-user information rating a previous viewers' interest in the second web document, the previous viewers being other than the user, and the request signal being

automatically generated based on receiving, in the client application, an interest signal generated in response to a user action, the interest signal indicating to the client application that the user has an interest in the hyperlink;

implicitly deriving the interest of the previous viewers using data which logs measures of the previous viewers' interaction with the second web document, the measures including the previous viewers' linger time on the second web document, the previous viewers' quantity of repeat visits to the second web document, a quantity of repeat queries initiated by the previous viewers which led to the second web document, or a quantity of click-throughs by the previous viewers on the second web document;

retrieving the text extract in response to the request signal; and

generating an information signal comprising the retrieved text extract and the implicitly derived past-user information, the information signal configured to cause the text extract and the implicitly derived past-user information to be output in association with the first web document.